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ANDREW FAILE SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2600

television program, said method further having one step of the group consisting of:

controlling a tuner to tune a receiver to receive one of the television channel and the television programming designated by said processed datum;

controlling a selective transmission device to input to a control signal detector at least a portion of one of the television channel and the television programming designated by said processed datum;

controlling a control signal detector to search for at least one of said control signal in one of the television channel and the television programming designated by said processed datum;

controlling a selective transmission to input to a computer said control signals detected in one of the television channel and the television programming designated by said processed datum;

controlling a computer to respond to said control signals detected in one of the television channel and the television programming designated by said processed datum;

controlling a television monitor to display one of video and audio contained in one of the television channel and the television programming designated by said processed datum;

controlling a video recorder to one of record and play one of video and audio contained in one of the television channel and the television programming designated/by said processed datum; and

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controlling a selective transfer device to communicate to one of a video recorder and a television monitor one of the television channel and the television programming designated by said processed datum.

255. (New Claims) The method of claim 252, wherein said processor processes a datum designating at least one specific channel of one of a multichannel cable and a broadcast signal, said method further having one step of the group consisting of:

controlling a tuner to tune a converter to receive the at least one specific channel designated by said processed datum;

controlling a selective transfer device to input to a control signal detector at least a portion of the at least one specific channel designated by said processed datum;

controlling a control signal detector to search for at least one of said control signals in the at least one specific channel designated by said processed datum;

controlling a selective transmission device to input to a computer said control signals detected in the at least one specific channel designated by said processed datum;

controlling a computer to respond to said control signals detected in the at least one specific channels designated by said processed datum;

controlling a television monitor to display one of video and audio contained in the at least one specific channel designated by said processed datum;

controlling a video recorder to one of record and play one of video and audio contained in the at least one specific channels designated by said processed datum; and

controlling a selective transfer device to communicate to one of a storage device and an output device the at least one specific channel designated by said processed datum.

256. (New Claims) A method of controlling a receiver station, said receiver station having a processor for passing and executing instructions and a clock operatively connected to said processor for inputting a timing signal, said method comprising the steps of:

receiving one of a broadcast and a cablecast transmission;

demodulating said one of said broadcast and said cablecast transmission to detect an information transmission thereon, said information transmission comprising an instruct signal which is effective to start a predetermined coordination sequence;

detecting said instruct signal on said information transmission and passing said instruct signal to said processor;

delaying, under processor control, the passing of said instruct signal to a controllable apparatus;

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passing said instruct signal to said controllable apparatus on the basis of said timing signal; and

controlling said controllable apparatus based on said instruct signal.

257. (New Claims) A method of controlling at least one of a plurality of receiver stations each of which includes one of a broadcast and a cablecast mass medium programming receiver, at least one output device, a control signal detector, at least one processor capable of responding to an instruct signal, and with each said mass medium programming receiver stations adapted to detect and respond to said instruct signal, said method comprising the steps of:

- (1) receiving at one of a broadcast and a cablecast transmitter station said instruct signal which is effective at the receiver station to start a predetermined coordination sequence and delivering said instruct signal to a transmitter;
- (2) receiving at said one of said broadcast and said cablecast transmitter station at least one control signal which at the receiver station operates to communicate the instruct signal to said at least one processor; and
- (3) transferring said at least one control signal to the transmitter, said transmitter transmitting the instruct signal and the at least one control signal.

258. (New Claims)

The method of claim 257, wherein one of said

instruct signal and an identification data in respect of said instruct signal is

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embedded in one of a television signal and a signal containing a television program.

259. (New Claims) The method of claim 257, wherein a switch communicates signals selectively from said receiver and one of a memory and a recorder to said transmitter, said method further comprising one from the group consisting of:

detecting a signal which is effective at the one of the broadcast and the cablecast transmitter station to instruct communication;

determining a specific signal source from which to communicate a signal to a transmitter;

controlling said switch to communicate a signal to said transmitter in response to a signal which is effective at the one of the broadcast and the cablecast transmitter station to instruct communication;

controlling said switch to communicate a signal from a selected signal source; and

controlling said switch to communicate to said one of said memory and said recorder a signal which is effective at the one of the broadcast and the cablecast receiver station to instruct.

260. (New Claims) The method of claim 257, wherein a controller controls a switch to communicate to a plurality of transmitter one of a selected

mass medium programming and a control signal, further comprising one from the group consisting of:

detecting a signal which is effective at the one of the broadcast and the cablecast transmitter station to instruct transmission;

inputting to said controller a signal which is effective to control said switch;

controlling said switch to communicate at least one instruct signal according to a transmission schedule;

controlling said switch to communicate a signal from a specific one of a plurality of instruct signal sources; and

controlling said switch to communicate an instruct signal to a selected one of said plurality of transmitters.

261. (New Claims) The method of claim 257, further comprising one from the group consisting of:

transmitting to said receiver station at least one datum that one of designates one of a time and a channel of transmission of said instruct signal, and specify one of the title of and subject matter contained in a mass medium programming associated with said instruct signal; and

transmitting to a receiver station said control signal to cause said receiver station to tune to said one of a broadcast and a cablecast transmission containing a specific instruct signal.

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262. (New Claims)

A method of coordinating the processing of

data and television programming at a receiver station to present a user specific

output, said method comprising the steps of:

selecting a datum of interest;

storing said selected datum of interest at said receiver station;

receiving a plurality of television programming units at said receiver

station;

selecting one of said received plurality of programming units, comprising the steps of:

- (a) receiving an identification signal at said receiver station identifying a television programming unit of interest;
- (b) automatically scanning a plurality of received one of broadcast and cablecast programming transmissions;
- (c) identifying one of the channel and the frequency communicating said television programming unit of interest based on said step of scanning;
- (d) tuning to receive one of said identified channel and said identified frequency;
- (e) selecting said television programming unit of interest received on one of said tuned channel and said tuned frequency;

outputting said selected television programming unit of interest on an output device at said receiver station;

receiving a plurality of control signals;

generating a user specific display based on said stored selected datum of interest;

outputting said user specific display to said output device to present user specific output comprising said outputted television programming unit of interest and said outputted user specific display, wherein at least one of said steps of generating and outputting said display is performed in response to at least one of said received plurality of control signals.

263. (New Claims) The method of claim 262 wherein said step of scanning comprises the steps of:

scanning a plurality of received one of broadcast and cablecast programming transmissions on a plurality of one of channels and frequencies; and

comparing signals in said plurality of scanned one of channels and frequencies to said identification signal of said television programming unit of interest.

264. (New/Claims) The method of claim 262 wherein said step of identifying one of the channel and the frequency comprises the step of identifying one of the channel and the frequency communicating said television programming unit of interest based on said step of comparing.

265. (New Claims) A method of coordinating the processing of data and television programming at a receiver station to present a user specific output, said method comprising the steps of:

selecting a datum of interest;

storing said selected datum of interest at said receiver station;
storing information at said receiver station identifying a time and a channel for receiving a television programming unit;

tuning to said identified channel at or before said identified time; receiving over said identified channel an information transmission comprising said television programming unit and a control signal;

outputting said received television programming unit on an output device at said receiver station;

detecting said received control signal;

generating a user specific display based on said stored datum of interest; outputting said user specific display to said output device to present a user specific output comprising said outputted television programming unit and said outputted user specific display, wherein at least one of said steps of generating and outputting is performed in response to said received control signal.

266. (Mew Claims) A method of coordinating the processing of data and television programming at a receiver station to present a user specific output, said method comprising the steps of:

selecting a datum of interest;

storing said selected datum of interest at said receiver station;

receiving a plurality of television programming units at said receiver station;

selecting one of said plurality of received programming units;
outputting said selected programming unit on an output device at said

receiver station;

receiving a first control signal;

generating a user specific display based on stored data of interest in response to said step of receiving said first control signal;

receiving a second control signal;

outputting said user specific display to said output device in response to said step of receiving said second control signal, to present a user specific output comprising said outputted television programming unit and said outputted user specific display.

267. (New Claims) A method of providing data of interest to a receiver station from a remote data source, said data of interest for use at said receiver station in one of generating and outputting a receiver specific datum, said method comprising the steps of:

storing data at said remote data source;

receiving at said remote data source a query from said receiver station;

transmitting said data from said remote data source to said receiver station in response to said step of receiving said query, said receiver station selecting and storing at least a portion of said transmitted data;

transmitting from a second remote source to said receiver station a signal which controls said receiver station to select and process an instruct signal which is effective at said receiver station to coordinate a presentation to a user of output materials communicated at least one of from different sources and at different times, said presentation including said receiver specific datum.

268. (New Claims) A method of communicating subscriber station information from a subscriber station to at least one remote data collection station, said method comprising the steps of:

inputting a subscriber reaction at said subscriber station;

receiving at said subscriber station information that designates at least one of an instruct signal to process and an output to deliver in consequence of subscriber input;

determining the presence of said subscriber input at said subscriber station by processing said subscriber reaction;

processing said instruct signal to coordinate a presentation of output materials communicated at least one of from different sources and at different times at said subscriber station in consequence of said step of determining; and

transferring from said subscriber station to said at least one remote data collection station at least one datum at least one of confirming delivery of said

instruct signal from said step of processing and confirming delivery of said coordinated presentation from said step of processing.

269. (New Claims) The method of claim 268, wherein said instruct signal is input by a subscriber, said method further comprising the steps of:

storing a subscriber instruction to receive at least one of mass medium programs, data, news items, and computer control instructions; and

receiving said at least one of specific mass medium programs, data, news items, and computer control instructions in accordance with said subscriber instruction.

270. (New Claims) The method of claim 268, wherein said instruct signal is input by a subscriber, said method further comprising the steps of:

storing a subscriber instruction to one of process and present at least one of mass medium programs, data, news items, and computer control instructions in a specific fashion; and

one of processing and presenting said at least one of specific mass medium programs, data, news items, and computer control instructions in accordance with said subscriber instruction.

271. (New Claims) The method of claim 268, wherein one of said information that designates at least one of an instruct signal to process and an output to deliver in consequence of subscriber input and said instruct signal is

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detected in an information transmission from one of a data source and a programming source, said method further comprising the steps of:

programming a processor to respond to information communicated in said information transmission from said one of a data source and a programming source;

receiving an information transmission from said one of a data source and a programming source;

inputting at least a portion of said information transmission to a control signal detector;

detecting one of data and said instruct signal in said at least a portion of said information transmission; and

passing one of said detected data and said detected instruct signal to said processor.

272. (New Claims) A method of controlling a remote intermediate television transmitter station to communicate television program material to at least one receiver station, said remote intermediate television transmitter station including one of a broadcast and a cablecast transmitter for transmitting television programming, a plurality of selective transfer devices each operatively connected to said one of a broadcast and a cablecast transmitter for communicating said television programming, a television receiver for receiving said television programming from at least one origination transmitter station, a control signal detector, and one of a controller and a computer capable of

controlling at least one of said plurality of said selective transfer devices, said remote intermediate television transmitter station adapted (i) to detect the presence of at least one control signal, (ii) to control the communication of said television programming in response to said at least one control signal, and (iii) to deliver at said one of a broadcast and a cablecast transmitter said television programming, said method comprising the steps of:

receiving said television programming at said at least one origination transmitter station and delivering said television programming to at least one origination transmitter, said television programming having an instruct signal which is effective at said at least one receiver station to coordinate a presentation of output materials communicated at least one of from different sources and at different times;

receiving said at least one control signal which at said remote intermediate television transmitter station operates to control the communication of said television programming; and

transmitting said at least one control signal from said at least one origination transmitter before a specific time.

273. (New Claims) The method of claim 272, wherein said at least one control signal comprises one of a code and a datum which operates at said remote intermediate television transmitter station to identify said television programming, said method further comprising the step of

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transmitting a schedule which operates at said remote intermediate television transmitter station to communicate said television programming to said at least one origination transmitter at said specific time.

274. (New Claims) The method of claim 272, further comprising the step of embedding said at least one control signal in said television programming before transmitting said television programming to said remote intermediate television transmitter station.

275. (New Claims) The method of claim 272, wherein one of (a) said specific time is a scheduled time of transmitting said television programming at said remote intermediate television transmitter station and (b) said at least one control signal is effective at said remote intermediate television transmitter station to control at least one of said plurality of selective transfer devices at different times.

276. (New Claims) A method of controlling a remote intermediate transmitter station to communicate at least one instruct signal to at least one receiver station, said remote intermediate transmitter station including one of a broadcast and a cablecast transmitter, a plurality of selective transfer devices each operatively connected to said one of a broadcast and a cablecast transmitter, a data receiver for receiving said at least one instruct signal from at least one origination transmitter station, a control signal detector, and one of a controller and a computer capable of controlling at least one of said plurality of selective

transfer devices, said remote intermediate transmitter station adapted to detect the presence of at least one control signal, to control the communication of said at least one instruct signal in response to said at least one control signal, and to deliver at said one of a broadcast and a cablecast transmitter said at least one instruct signal, said method comprising the steps of:

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receiving said at least one instruct signal at said at least one origination transmitter station and delivering said at least one instruct signal to at least one origination transmitter, said at least one instruct signal (i) being effective at said at least one receiver station to generate output information content to be included in a coordinated presentation of output materials communicated at least one of from different sources and at different times and (ii) having an associated one of a code and a datum designating one of signal content and output information content to be generated;

receiving said at least one control signal that at said remote intermediate data transmitter station operates to control the communication of said at least one instruct signal; and

transferring said at least one control signal from said at least one origination transmitter before a specific time, said transmitter transmitting said at least one instruct signal, said associated one of a code and a datum, and said at least one control signal.

277. (New Claims) The method of claim 276, wherein said at least one control signal comprises one of said code and said datum, said method

further comprising the step of embedding one of said code and said datum in an information transmission containing said instruct signal.

278. (New Claims)

The method of claim 276, wherein said specific

time is a scheduled time of transmitting one of (i) said at least one instruct signal and (ii) a program associated with said at least one instruct signal from said remote intermediate transmitter station, and said at least one control signal is effective at said remote intermediate transmitter station to control at least one of said plurality of selective transfer devices at different times.

279. (New Claims) The method of claim 276, further comprising the step of

embedding said at least one control signal in an information transmission containing said instruct signal before transmitting said instruct signal to said remote intermediate transmitter station.

280. (New Claims) The method of claim 276, wherein said at least one control signal comprises a second one of a code and a datum which operates at said remote intermediate transmitter station to select one of said at least one instruct signal and program content associated with said at least one instruct signal, said method further comprising the step of

transmitting a second instruct signal which operates at said remote intermediate transmitter station at said specific time to communicate said second instruct signal to said at least one origination transmitter.

281. (New Claims) The method of claim 276, further comprising the step of generating and adding a signal, at said remote intermediate transmitter station, to an information transmission containing said at least one instruct signal, said information transmission to be transmitted to said at least one receiver station.

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282. (New Claims) A method of controlling a receiver station including the steps of:

detecting one of the presence and absence of one of a broadcast and a cablecast control signal;

inputting an instruct-to-react signal to a processor based on said step of detecting;

controlling said processor to output specific information in response to said step of inputting said instruct-to-react signal; and

coordinating a presentation of output materials communicated at least one of from different sources and at different times on the basis of information received from said processor based on said step of controlling said processor.

283. (New Claims) The method of claim 282, wherein a buffer is operatively connected to said processor for buffering input, said method further comprising the step of:

inputting said instruct-to-react signal directly to said processor.

284. (New Claims)

The method of claim 282, wherein said

processor processes a datum designating one of a television channel and a television program, said method further comprising the step of

controlling a tuner to tune one of a receiver and a converter to receive said one of a television channel and a television program designated by said processed datum.

285. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of

controlling a tuner to tune a converter to receive said at least one channel designated by said processed datum.

286. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a selective transfer device to input to a control signal detector at least a portion of said one of a television channel and a television program designated by said processed datum.

287. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a

control signal detector to search for said one of a broadcast and a cablecast control signal in said one of a television channel and a television program designated by said processed datum.

288. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a selective transfer device to input to a computer said one of a broadcast and a cablecast control signal detected in said one of a television channel and a television program designated by said processed datum.

289. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a computer to respond to said one of a broadcast and a cablecast control signal detected in said one of a television channel and a television program designated by said processed datum.

290. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a television monitor to display one of video and audio contained in said one of a television channel and a television program designated by said processed datum.

291. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a video recorder to one of record and play one of video and audio contained in said one of a television channel and a television program designated by said processed datum.

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292. (New Claims) The method of claim 282, wherein said processor processes a datum designating one of a television channel and a television program, said method further comprising the step of controlling a selective transfer device to communicate to one of a video recorder and a television monitor said one of a television channel and a television program designated by said processed datum.

293. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of controlling a selective transfer device to input to a control signal detector at least a portion of said one of a television channel and a television program designated by said processed datum.

294. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further

comprising the step of controlling a control signal detector to search for said one of a broadcast and a cablecast control signal in said at least one channel designated by said processed datum.

295. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of controlling a selective transfer device to input to a computer at least one of said one of a broadcast and a cablecast control signal detected in said at least one channel designated by said processed datum.

296. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of controlling a computer to respond to said one of a broadcast and a cablecast control signal detected in said at least one channel designated by said processed datum.

297. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of controlling a television monitor to display one of video and audio contained in at least one channel designated by said processed datum.

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298. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of controlling a video recorder to one of record and play one of video and audio contained in said at least one channel designated by said processed datum

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299. (New Claims) The method of claim 282, wherein said processor processes a datum designating at least one channel of one of a multichannel cablecast and a multichannel broadcast signal, said method further comprising the step of controlling a selective transfer device to communicate to one of a video recorder and a television monitor said at least one channel designated by said processed datum.

300. (New Claims) A method of controlling a receiver station, said receiver station having a processor for passing and executing instructions and a clock operatively connected to said processor for inputting a timing signal, said method comprising the steps of:

receiving one of a broadcast transmission and a cablecast transmission; demodulating said one of a broadcast transmission and a cablecast transmission to detect an information transmission thereon, said information transmission including an instruct signal which is effective to coordinate a

presentation of output materials communicated at least one of from different sources and at different times;

detecting said instruct signal on said information transmission and passing said instruct signal to said processor;

delaying, under control of said processor, the passing of said instruct signal to a controllable apparatus;

passing said instruct signal to said controllable apparatus on the basis of said timing signal; and

coordinating said presentation of output materials based on said instruct signal.

301. (New Claims) The method of claim 300, further comprising the steps of:

detecting said timing signal in said information transmission; passing said timing signal to said clock; and

timing, under control of said clock, the passing of said instruct signal based on said timing signal.

302. (New Claims) A method of controlling at least one of a plurality of receiver

stations including at least one of a broadcast and a cablecast mass medium program receiver, at least one output device, a control signal detector, at least one processor capable of responding to an instruct signal, wherein each of said at

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least one of a plurality of receiver stations is adapted to detect and respond to at least one instruct signal, said method comprising the steps of:

receiving at one of a broadcast and a cablecast transmitter station a first instruct signal which is effective at said at least one of a plurality of receiver stations to coordinate a presentation of output materials communicated at least one of from different sources at different times and delivering said first instruct signal to a transmitter;

receiving at said transmitter station at least one first control signal which at said at least one of a plurality of receiver stations operates to communicate said first instruct signal to said at least one processor; and

transferring said at least one control signal to said transmitter, said transmitter transmitting said first instruct signal and said at least one first control signal.

303. (New Claims) The method of claim 302, wherein at least one of said first instruct signal and identification data in respect of said instruct signal is embedded one of in a television signal and in a signal containing a television program.

304. (New Claims) The method of claim 302, wherein a switch communicates signals selectively between (i) said one of a broadcast and a cablecast mass medium program receiver and (ii) one of a memory and a recorder and (iii) said transmitter, said method further comprising the step of:

El Cont. detecting a second control signal which is effective at said transmitter station to cause communication.

305. (New Claims) The method of claim 302, wherein a controller controls a switch to communicate to said transmitter one of a mass medium program and said at least one first control signal, further comprising the step of detecting a second control signal which is effective at said transmitter station to instruct transmission.

306. (New Claims) The method of claim 302, further comprising the step of

transmitting to at least one of said plurality of receiver stations at least one datum that designates one of a time and a channel of transmission of said first instruct signal.

307. (New Claims) The method of claim 302, wherein a switch communicates signals selectively between (i) said one of a broadcast and a cablecast mass medium program receiver and (ii) one of a memory and a recorder and (iii) said transmitter, said method further comprising the step of determining a signal source from which to communicate at least one of said first instruct signal and said at least one first control signal to a transmitter.

308. (New Claims) The method of claim 302, wherein a switch communicates signals selectively between (i) said one of a broadcast and a cablecast mass medium program receiver and (ii) one of a memory and a

recorder and (iii) said transmitter, said method further comprising the step of controlling said switch to communicate at least one of said first instruct signal and said at least one first control signal to said transmitter in response to a second control signal which is effective at said transmitter station to instruct communication;

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309. (New Claims) The method of claim 302, wherein a switch communicates signals selectively between (i) said one of a broadcast and a cablecast mass medium program receiver and (ii) one of a memory and a recorder and (iii) said transmitter, said method further comprising the step of controlling said switch to communicate at least one of said first instruct signal and said at least one first control signal from a signal source;.

310. (New Claims) The method of claim 302, wherein a switch communicates signals selectively between (i) said one of a broadcast and a cablecast mass medium program receiver and (ii) one of a memory and a recorder and (iii) said transmitter, said method further comprising the step of controlling said switch to communicate to said memory or recorder at least one of said first instruct signal and said at least one first control signal.

311. (New Claims) The method of claim 302, wherein a controller controls a switch to communicate to said transmitter one of a mass medium program and said at least one first control signal, further comprising the step of

inputting to said controller a second control signal which is effective to control said switch.

312. (New Claims) The method of claim 302, wherein a controller controls a switch to communicate to said transmitter one of a mass medium program and said at least one first control signal, further comprising the step of controlling said switch to communicate at least one of said first instruct signal and said at least one first control signal according to a transmission schedule.

- 313. (New Claims) The method of claim 302, wherein a controller controls a switch to communicate to said transmitter one of a mass medium program and said at least one first control signal, further comprising the step of controlling said switch to communicate at least one of said first instruct signal and said at least one first control signal from one of a plurality of instruct signal sources.
- 314. (New Claims) The method of claim 302, wherein a controller controls a switch to communicate to said transmitter one of a mass medium program and said at least one first control signal, further comprising the step of controlling said switch to communicate at least one of said first instruct signal and said at least one first control signal to one of a plurality of transmitters.
- 315. (New Claims) The method of claim 302, further comprising the step of transmitting to at least one of said plurality of receiver stations at least

one datum that specifies one of the title of and subject matter contained in a mass medium program associated with said first instruct signal.

316. (New Claims) The method of claim 302, further comprising the step of transmitting to at least one of said plurality of receiver stations a second control signal to cause said receiver station to tune to one of a broadcast and a cablecast transmission containing a specific instruct signal.

II. REMARKS

In consonance with the agreement between Applicants and the Office regarding the co-pending U.S. patent applications related to this application, Applicants hereby join following claims from their related applications into the instant application, corresponding to the new claim numbers in the instant application.

Application Serial No(s). (Atty. Dkt. No.)	Claims	Corresponding New Claim Nos. in the Instant Application	
08/447,711	3-23	236-256	$\overline{\mathbf{C}}$
(5634.153)	25-29	257-261	V
08/447,621	3-21	262-280	
(5634.156)	22-25	282-285	2
	26-32	300-306	レ
	33	281	
	34-47	286-299	
	48-57	307-316	

Correspondingly, the above listed Application Serial No(s). have been abandoned and/or the claims corresponding to these applications(s) have been cancelled. Applicants request that presently added claims 236-316 be examined along with presently pending claims 6-235.

Date: May 9, 2000

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